



11-01-04

18 w

Attorney Docket No.:ULRF04036
Express Mail Label No. EV544477591US
Client Matter No: 81065.0010.000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Suzanne T. Ildstad

Serial No.: 10/808,205

Filed: March 24, 2004

For: METHOD FOR IMPROVING
BONE MARROW ENGRAFTMENT

Group Art No.: 1635

Examiner: Not yet accorded

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY EXPRESS MAIL

Sir:

- The undersigned hereby certifies that the attached:
1. Information Disclosure Statement;
 2. Form PTO/SB/08A, with copies of nonpatent publications;
 3. Certificate of Mailing; and
 4. Return card

relating to the above application, were deposited as "Express Mail" Mailing Label No. EV 322526936US United States Postal Service, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Oct. 29, 2004
Date

[Signature]
Mailer

Oct. 29, 2004
Date

[Signature]
Sarah Smith, Reg. No. 41,226
HOGAN & HARTSON LLP
One Tabor Center
1200 17th Street, Suite 1500
Denver, Colorado 80202
(720) 406-5385 Tel
(720) 406-5301 Fax



Attorney Docket No.:ULRF04036
Express Mail Label No. EV544477591US
Client Matter No: 81065.0010.000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Suzanne T. Ildstad

Serial No. 10/808,205

Filed: March 24, 2004

For: METHOD FOR IMPROVING
BONE MARROW ENGRAFTMENT

Art Unit: 1635

Examiner: Not yet accorded

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.56**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby submits for filing under 37 CFR 1.97 a disclosure statement. In submitting these references, no representation is made or implied that the references are or are not material to the examination of this application. The patents, publications or other information of which Applicant is presently aware are listed in Form PTO/SB/08A submitted herewith and copies of the cited non-U.S. patent publications are attached hereto.

No fee is believed due for this submittal. However, any fee deficiency associated with this submittal may be charged to Deposit Account No. 50-1123.

Signed on Oct. 29, 2004.

Respectfully submitted,


Sarah Smith, Reg. No. 41,226
HOGAN & HARTSON LLP
One Tabor Center
1200 17th Street, Suite 1500
Denver, Colorado 80202
(720) 406-5385 Tel
(720) 406-5301 Fax



PTO/SB/08A (10/01) (Substitute for form 1449A/PTO)		ATTY. DOCKET NO.ULRF04036 Client/Matter No. 81065.0010.000		APPLICATION NO. 10/808,205			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) Sheet 1 of 3				FIRST NAMED INVENTOR: Suzanne T. Ildstad			
				FILING DATE 03/24/2004		ART UNIT: 1635	
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document No. No. - Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	1	5,635,156	06/03/1997	Ildstad			
	2	5,772,994	06/30/1999	Ildstad			
	3	5,876,692	03/02/1999	Ildstad			
FOREIGN PATENT DOCUMENTS							
Examine r Initials	Cite No.	Foreign Patent Doc entry code - No. - Kind Code	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns. Lines Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
						YES	NO
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published					
	4	GERHARD OPELZ, et al., "Induction of High Kidney Graft Survival Rate by Multiple Transfusion," The Lancet, 6/6/1981, pp. 1223-1225					
	5	SHIXIN QIN, et al., "Induction of Tolerance in Peripheral T Cells with Monoclonal Antibodies," Eur. J. Immunology, 1990, Vol. 20, pp. 2737-2745					
	6	YEDIDA SHARABI, et al., "Mixed Chimerism and Permanent Specific Transplantation Tolerance Induced by a Nonlethal Preparative Regimen," The Journal of Experimental Medicine, Vol. 169, 2/1989, pp. 493-502					
	7	S. SLAVIN, et al., "Transplantation Tolerance in Adult Rats Using Total Lymphoid Irradiation: Permanent Survival of Skin, Heart, and Marrow Allografts," The Journal of Experimental Medicine, 1978, Vol. 147, pp. 700-707					
	8	SUSAN A. MCCARTHY, et al., "Characterization of Host Lymphoid Cells in Antibody-Facilitated Bone Marrow Chimeras," Transplantation, 7/1985, Vol. 40, No. 1, pp. 12-17					
	9	ANTHONY P. MONACO, et al., "Studies on Heterologous Anti-Lymphocyte Serum in Mice. III. Immunologic Tolerance and Chimerism Produced Across the H-2 Locus With Adult Thymectomy and Anti-Lymphocyte Serum," Annals New York Academy of Sciences, 147(3): 190-209 (1966)					
	10	DAVID L. DUNN, "Problems Related to Immunosuppression," Critical Care Clinics, Vol. 6, No. 4, October 1990, pp. 955-977					
	11	HIROAKI NAGANO, MD, "Chronic Allograft Failure: The Clinical Problem," The American Journal of the Medical Sciences, May 1997, Vol. 313, No. 5 pp. 305-309					
	12	SHIXIN QUN, et al., "Induction of Classical Transplantation Tolerance in the Adult," J. Exp. Med., Vol. 169 (3/1989) pp. 779-794					
EXAMINER SIGNATURE					DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

PTO/SB/08A (10/01) (Substitute for form 1449A/PTO)		ATTY. DOCKET NO. ULRF04036 Client/Matter No. 81065.0010.000		APPLICATION NO. 10/808,205	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR: Suzanne T. Ildstad			
Sheet 2 of 3		FILING DATE March 24, 2004		ART UNIT: 1635	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document No. – Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Doc <small>entry code – No. – Kind Code</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	TRANSLATION
						YES NO

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published
	13	MEGAN SYKES, et al., "Mixed Allogeneic Chimerism as an Approach to Transplantation Tolerance," Immunology Today, Vol. 9, No. 1 (1988) pp. 23-27
	14	Y.Y.L. YU, et al. "Murine Natural Killer Cells and Marrow Graft Rejection," Ann. Rev. Immunol., (1992) 10:189, pp.189-213
	15	PETER HOGLUND, et al. "Natural Resistance Against Lymphoma Grafts Conveyed by H-2D ^d Transgene to C57BL Mice," J. Exp. Med., Vol. 168 (1988), pp. 1469-1474
	16	SUZANNE T. ILDESTAD, et al. "Reconstitution With Syngeneic Plus Allogeneic or Xenogeneic Bone Marrow Leads to Specific Acceptance of Allografts or Xenografts," Nature Vol. 307, 1/12/1984, pp. 168-170
	17	THOMAS R. SPITZER, et al., "Combined Histocompatibility Leukocyte Antigen-Matched Donor Bone Marrow and Renal Transplantation for Multiple Myeloma With End Stage Renal Disease: The Induction of Allograft Tolerance Through Mixed Lymphohematopoietic Chimerism," Transplantation, Vol. 68, No. 4. 8/27/1999, pp. 480-484
	18	YOLONDA L. COLSON, et al., "Mixed Allogeneic Chimerism in the Rat," Transplantation, Vol. 60, 11/15/1995, pp. 971-980
	19	JAMES S. GAMMIE, MD, "Tacrolimus-Based Partial Conditioning Produces Stable Mixed Lymphohematopoietic Chimerism and Tolerance for Cardiac Allografts," Circulation 1998, pp. II-163-II-169
	20	H. Y. KNOBLER, et al., "Tolerance to Donor-Type Skin in the Recipient of a Bone Marrow Allograft," Brief Communications, 8/1985, Vol. 40, No. 2, Transplantation, pp. 223-225

EXAMINER SIGNATURE	DATE CONSIDERED
---------------------------	------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
--

PTO/SB/08A (10/01) (Substitute for form 1449A/PTO)		ATTY. DOCKET NO. ULRF04036 Client/Matter No. 81065.0003.0001		APPLICATION NO. 10/808,205	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) Sheet 3 of 3		FIRST NAMED INVENTOR: Suzanne T. Ildstad			
		FILING DATE March 24, 2004		ART UNIT: 1635	
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document No. No. – Kind Code	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
FOREIGN PATENT DOCUMENTS					
Examine r Initials	Cite No.	Foreign Patent Doc <small>cntry code – No. – Kind Code</small>	Publicatio n Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns. Lines Where Relevant Passages or Relevant Figures Appear
					YES NO
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examine r Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published			
	21	MOHAMED H. SAYEGH, MD, et al., "Immunologic Tolerance to Renal Allografts After Bone Marrow Transplants From the Same Donors", Annals of Internal Medicine, June 1991, Vol. 114, No.11, pp. 954-955			
	22	R. SPENCE, "Transmutation of the Elements", Nature, 172:606-607 (October 1953)			
	23	Y. SHARABI, et al., "Specific Tolerance Induction Across a Xenogeneic Barrier: Production of Mixed Rat/Mouse Lymphohematopoietic Chimeras Using a Nonlethal Preparative Regimen", J. Exp. Med. 172(1):195 (1990)			
	24	MAYUMI and GOOD, "Long-Lasting Skin Allograft Tolerance in Adult Mice Induced Across Fully Allogeneic (Multimajor H-2 Plus Multiminor Histocompatibility) Antigen Barriers by a Tolerance-Inducing Method Using Cyclophosphamide", J. Exp. Med., 169:213 (1989)			
	25	COBBOLD, et al., "Reprogramming the Immune System for Peripheral Tolerance with CD4 and CD8 Monoclonal Antibodies", Immunol. Rev., 129:165 (1992)			
EXAMINER SIGNATURE				DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					